

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5011  
Name Viking Resources  
Address 120 S. Market, Suite 518  
Wichita, KS 67202-3819  
City/State/Zip

Purchaser N/A

Operator Contact Person Jim Deylin  
Phone (316) 262-2502

Contractor: License # 4958  
Name Mallard JV, Inc.

Wellsite Geologist Rob Patton  
Phone 262-2502

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWN: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

1/7/89 1/12/89 1-12-89  
Spud Date Date Reached TD Completion Date  
3630  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 214 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-163-23,032  
County Rooks  
SE. SW. NW. Sec. 5. Twp. 10. Rge. 16.  East  West  
2970 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

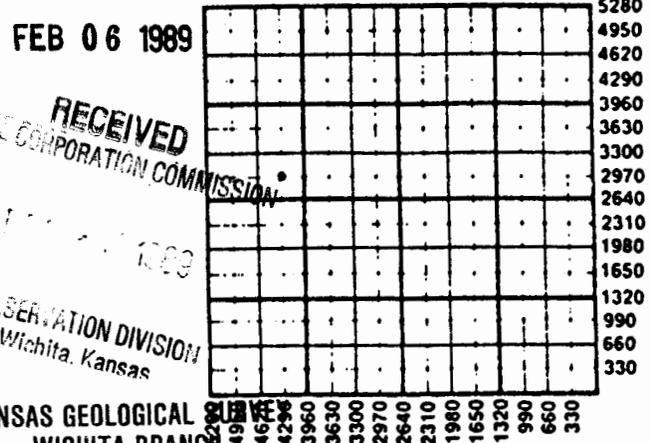
Lease Name Comeau "A" Well # 1

Field Name

Producing Formation

Elevation: Ground 2040 KB 2047

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

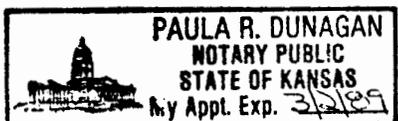
Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West  
 Surface Water 660 Ft North from Southeast Corner (Stream, pond etc.) 200 Ft West from Southeast Corner Sec 28 Twp 9 Rge 16 East  West  
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jim Deylin  
Title Partner-Operator Date 2/2/89

Subscribed and sworn to before me this 2nd day of February 1989  
Notary Public Paula R. Dunagan  
Date Commission Expires 2 March 1989



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec. 2, Twp. 10, Rge. 16

Operator Name ..... Sec..... 5 Twp..... 10 Rge..... 16 ..... East West County..... Rocks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description
[ ] Log [X] Sample

DST #1, 3222-3280, 30-30-30-30, Rec. 10' Drilling Mud, BHP; 190/153, FP: 45/45 88/52, HP: 1591/1578 BHT: 111°
DST #2, 3278-3330, 30-45-30-45, Rec. 130' WM w/few specks oil, 120' MW w/show oil, BHP: 540/519, FP: 43/75, 108/129, HP: 1636/1625

Table with 3 columns: Name, Top, Bottom. Lists geological formations such as Anhydrite, B. Anhydrite, Stotler, Tarkio, Howard, Topeka, Queen Hills, Heebner, Toronto, LKC, Muncie Creek, Stark, Hushpuckney, BKC, and RTD with their respective top and bottom elevations.

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (in O.D.), Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Includes entry for Surface casing.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes columns for Shots Per Foot, Specify Footage of Each Interval Perforated, Amount and Kind of Material Used, and Depth.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain).....

Table for Estimated Production Per 24 Hours with columns for Oil (Bbls), Gas (MCF), Water (Bbls), Gas-Oil Ratio (CFPB), and Gravity.

METHOD OF COMPLETION Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify) ..... [ ] Dually Completed [ ] Commingled

MALLARD J.V., INC.  
P.O. BOX 1009  
McPHERSON, KANSAS 67460-1009

DRILLERS' LOG

OPERATOR: Viking Resources  
120 S. Market, Suite 518  
Wichita, KS 67202-3819

WELL: Comeau "A" #1

API#: 15-163-23,032

COMMENCED: January 6, 1989

LOCATION: SE SW NW

COMPLETED: January 12, 1989

2970 Ft. FSL, 4290 Ft. FEL

TOTAL DEPTH: 3630 Ft.

SEC. 5 TWP. 10 S RGE. 16 W

ELEVATION: 2040 Ft. G.L.  
2048 Ft. K.B.

COUNTY: Rooks

\*\*\*\*\*  
Cut 12 1/4" hole to 217' and ran 5 joints 8-5/8" x 20# x 203.97' surface casing. Set at 213.57' and cemented w/140 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. @ 11:30 p.m. 11-6-89.

Ran 2 DSTs.

R.T.D. 3630' Conglomerate. Plugged hole w/190 sacks 60/40 Pozmix, 6% gel as follows:  
20 sx @ 1255'  
90 sx @ 740'  
40 sx @ 255'  
10 sx @ 40' and wiper plug  
15 sx R.H., 15 sx M.H. P.D. @ 2:30 a.m. 1-12-89.

STATE OF KANSAS )  
COUNTY OF MCPHERSON) SS:

I, BRYAN HESS of MALLARD JV, INC. do hereby certify that this is a true and correct copy of the log of the Comeau "A" #1 well as reflected by the files of Mallard JV, Inc.

*Bryan Hess*  
Bryan Hess, General Manager

Subscribed and sworn to before me this 27th day of January, 1989.

RECEIVED  
STATE CORPORATION COMMISSION

CONSERVATION DIVISION  
Wichita, Kansas

11-15-89  
My Commission Expires

NOTARY PUBLIC - State of Kansas  
DON J. REICHENBERGER  
My Appt. Exp. 11-15-89

*Don J. Reichenberger*  
Notary Public